



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/517,354	03/02/2000	Shunpei Yamazaki	07977/015003/US2954/2957D	5141
26171	7590	11/06/2003	EXAMINER	
FISH & RICHARDSON P.C. 1425 K STREET, N.W. 11TH FLOOR WASHINGTON, DC 20005-3500			PARKER, KENNETH	
			ART UNIT	PAPER NUMBER
			2871	

DATE MAILED: 11/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

09/517354

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER

ART UNIT      PAPER

32

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Note attached IDS's of paper #31 and #4

Kenneth A Parker  
Primary Examiner  
Art Unit: 2871

# Best Available Copy

SP 2620  
SEARCHED

Sheet 1 of 2

U.S. Patent Document <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/015003/US2954/2957D1D1	Application No. 09/517,354
		Applicant Yamazaki, et al.		
		Filing Date March 2, 2000	Group Art Unit 2871	
		37 CFR §1.98(b))		

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,643,526	2/17/87	Watanabe, et al.			
	AB	5,200,847	4/6/93	Mawatari, et al.			
	AC	5,261,156	11/16/93	Mase, et al.			
	AD	5,339,180	8/16/94	Katoh			
	AE	5,341,012	8/23/94	Misawa, et al.			
	AF	5,376,561	12/29/94	Vu			
	AG	5,436,744	7/25/95	Arledge			
	AH	5,569,610	10/29/96	Zhang, et al.			
	AI	5,572,046	11/5/96	Takemura			
	AJ	5,576,231	11/19/96	Konuma, et al.			
	AK	5,576,868	11/19/96	S. Togashi			
	AL	5,576,869	11/19/96	H. Yoshida			
	AM	5,596,023	1/21/97	Tsubota			
	AN	5,614,733	3/25/97	Zhang, et al.			
	AO	5,619,045	4/8/97	Konuma, et al.			
	AP	5,646,432	7/8/97	Iwaki, et al.			
	AQ	5,654,811	8/5/97	Spitzer, et al.			
	AR	5,672,518	9/30/97	Hayashi, et al.			
	AS	5,672,900	9/30/97	Konuma, et al.			
	AT	5,701,167	12/23/97	Yamazaki			
	AU	5,747,355	5/5/98	Konuma, et al.			
	AV	5,757,456	5/26/98	Yamazaki, et al.			
	AW	5,759,878	6/2/98	Hayashi, et al.			
	AX	5,766,977	6/16/98	S. Yamazaki			
	AY	5,781,164	7/14/98	Jacobsen, et al.			
	AZ	5,783,468	7/21/98	Zhang, et al.			

Examiner Signature

Date Considered

1/1/03

EXAMINER: Initials cite(s) considered. Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.

# Best Available Copy

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/015003/US2954/2957D1D1	Application No. 09/517,354
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Yamazaki, et al.	
		Filing Date March 2, 2000	Group Art Unit 2871
(7 CFR §1.98(b))			

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AAA	5,611,121	7/28/98	Takemura, et al.			
	AB3	5,71,138	10/13/98	Yamazaki, et al.			
	AC5	5,71,1327	11/10/98	Yamazaki, et al			
	ADD	5,70,977	3/9/99	Zhang, et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
AEE	V 0 92/12453	7/23/92	PCT				X	
AFF	10 - 56413	3/19/93	Japan				X	
AGG	10 - 56417	10/15/93	Japan				CONSIDERED	Abstract only
AHH	10 - 24104	9/2/94	Japan				X IN PAPERS	Abstract only
AII	10 - 18791	11/15/94	Japan				DO NOT PRINT	Abstract only
AJJ	10 - 53712	12/6/94	Japan				DO NOT PRINT	Abstract only

## Other Document(s) (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AKK	
	ALL	

Examiner Signature

Date Considered

11/6/03

EXAMINER: Initials \_\_\_\_\_ Date \_\_\_\_\_ Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Substitute Disclosure Form (PTO-1449)